

Date: Sun, 25 Jul 93 15:47:00 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #899
To: Info-Hams

Info-Hams Digest Sun, 25 Jul 93 Volume 93 : Issue 899

Today's Topics:

6 MTR OPENING TO SPAIN/EAST COAST USA
Alinco DJ580T woes and MCF...
CW, CW everywhere!!!
Flooding and Hams m
general class question pool
HAM Radio test stacks?
historic question (3 msgs)
MFJ reviews [long]
STILL waiting for license...
STILL waiting for your license? Read this and weep! (2 msgs)
TS50 Illegal!
Type Acceptance (was TS50 Illegal)
VE Test Conditions
WANTED: modification for Realistic CTR-85 tape recorder

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Fri, 23 Jul 1993 17:14:59 GMT
From: olivea!sgigate!odin!chuck.dallas.sgi.com!adams@decwrl.dec.com
Subject: 6 MTR OPENING TO SPAIN/EAST COAST USA
To: info-hams@ucsd.edu

July 23, 1993 Friday

this morning at 0600CDT (1100UCT or Z) i awoke and before getting
up turned on the tv. just wanted to see if news was on before getting

up. i'm in the country, thus no cable. there were some awesome signals on channel 2 through 34. i figure about 400 miles or better for longest skip. channel 8 in dallas (i'm 35 miles away) was completely buried by another station. i didn't take notes. i don't have anything that'll get above 10 meters in the shack.

oh! definition: awesome signals - rf energy great enough on assigned channel to receive crisp clean image and audio if station is not being interfered with. on channels 2-12 i was getting more than one signal from separate sources.

i don't know how long this lasted, as i turned off the tv after 5 minutes.

gotta get me a 6 and 2 meter weak signal cw rig. ;-)

--

"Be not too hard for life is short and nothing is given to man." - J. Baez

Chuck Adams, K5FO - CP60
adams@sgi.com

Date: 25 Jul 93 19:53:46 GMT
From: gatech!howland.reston.ans.net!usenet.ins.cwru.edu!magnus.acs.ohio-state.edu!
csn!yuma!yuma.acns.colostate.edu!hemstree@RUTGERS.EDU
Subject: Alinco DJ580T woes and MCF...
To: info-hams@ucsd.edu

I bought a DJ580T one year ago today. It has been a pretty good radio up until last month when it fried itself. Here's the description for \$78...

Repaired broken antenna connection.
Replaced intermittent 2nd LO XTAL
Replaced D111 PWR selection and control
Aligned and tested...

My radio was intermittently putting out 8watts. No wonder my radio was getting so hot! Throughout the whole fixit stage, Alinco was very unwilling to give us a straight story on how long my warranty should last. I got two stories, one year, and two years... Anybody know for sure? Alinco doesn't. Anyway, whether it was under warranty or not, the radio is fixed and I am happy with it once again.

Helpful hint: Go gentle on the antenna bnc. I use an AEA Hot-rod for

two meters, a Diamond RH-77ca for handi-dual-banding, and a magmount for mobiling around. The connector wasn't all that solid on my radio but my changing of antennas (three or four times a day) was what killed the internal antenna connections.

Now the MCF function... has anyone seen this in the newer Alinco's? Is there a mod that can be performed to get my radio to function with this new VHF-VHF, VHF-UHF, UHF-UHF function?

Thanks for any help,
Charles

--

```
!=====!  
! Charles H. Hemstreet IV      !internet: hemstreet@handel.cs.Colostate.Edu !  
! Colorado State University    !      Professional College Student      !  
!=====!
```

Date: Fri, 23 Jul 93 17:02:05 GMT
From: mercury.hsi.com!a3bee2!cyphyn!randy@uunet.uu.net
Subject: CW, CW everywhere!!!
To: info-hams@ucsd.edu

depaul@spk.hp.com (Mark DePaul) writes:

```
:  
: Damn Randy (Ka1unw), your pile-up remark almost made me wet my pants...I  
: was laughing so hard!!!!  
:  
: Keep it up!  
:  
: Marc DePaul
```

Well, at the time it happened, (1958) it was done to a friend of mine, who was down the street from where I lived.

His father was a Ham (W1DXV) who I once heard on my cats whisker radio (woow! WHO was THAT!).

That began my intrest in Ham radio, and towards the attempt, we strung a telegraph line between us and used that for code practice.

Being summer, he would sleep on his front porch...I mean TRY to sleep on his front porch. The 280khz band was OPEN each nite, all nite, and he'd be up late each morning (good thing school was out).

He got his ticket,...Kn1PRH, and I *think* he now owns an insecticide company.

We moved shortly after and Ham radioing ideas went on the back burner. In 1988, my brother, and a fiend of his, got their tickets, and I followed up the rear.

However, we were prepared for the 280km band....I warned them.
I was NOT prepared for what I heard, as a source of CW...
On some nights, not all,I'd hear a breif bit of CW, which was un-locatable.
I'd catch 1 or 2 letters.... D....F then A then U.
I had set up a derilect camper, as a radio shack (NO! not the Tandy kind)
and had taken to sleeping out in it to SWL myself to sleep....I mean TRY to.
Only once in a while it occured....GA.....(silence)
It sounded like it was coming from the radio and I'd get up to reset the dial
to another freq, figuring I'd dodge this problem.
Oh yeah? Next nite...WITH THE RADIO OFF.... E.... A (silence)
What is this? Did I leave some other radio on some where?
I had a collection of sets and there were times I'd leave them all on to
supply warmth...as it was October, and a bit chilly at nite.
Knowing that if you disconnect the speaker and use a 10 ohm resistor in
it's place, you'd not hurt the output transformer, I did that.
Next nite: D... G.....
Ah HA! it's the audio transformer ITSELF! One of these radios has loose
laminations in it's transformer!
So, I took to un-plugging all the 6AQ5 tubes (audio output's) and 6V6's
(older audio out put tubes)each night.
I wanted to find the source of this real BAD!
Next nite: ...(silence)
Ah! that must have been it! Life goes back to normal. Oh yeah?
Next nite:DG
This can't be! All the tubes are rolling around on the table
There's NO WAY these radio's can be doing this!
The crickets can't be doing it,cause its too cold and besides, they
rag-chew when they do CW... not this 007 spy stuff!
After 3-4 weeks I finally found the source.
Only when the wind blew v e r y gently, and just that amount,the end of
A tree branch was scraping the side of the camper, just right , to make a
reasonably 'pure' deet sound.

Mother nature is a LID !

--

Randy,KA1UNW If you get a shock while servicing your equipment
DON'T JUMP! You might break an expensive tube.

Date: 23 Jul 93 17:06:16 CDT
From: timbuk.cray.com!walter.cray.com!rps@uunet.uu.net
Subject: Flooding and Hams m
To: info-hams@ucsd.edu

I heard there was a group called the Global Voices Project,

KE6EG (Ed Addy) doing some work down Iowa. I know Ed, but haven't heard from him. Has anyone run across these guys? Ed headed up the Desert Voices Team here in Minnesota during the Gulf war. He most likely be working the MARS/HF bands maybe also doing Salvation Army and Red Cross Traffic.

I don't know his MARS call.

Thanks,

 --
 /_)
/ _/_/_/_/_/_ _ Russ Starksen ,,, Fax: (612) 683-3699
 rps@cray.com (.~.) phone: (612) 683-3635
-.. . -. ----- -- .-. .-. -----o00--(_)--00o----- N0MRR @ KB0GF.MN.USA.NOAM

Date: Fri, 23 Jul 1993 20:53:34 GMT
From: pravda.sdsc.edu!news.cerf.net!usc!howland.reston.ans.net!darwin.sura.net!
rsg1.er.usgs.gov!dgg.cr.usgs.gov!bodoh@network.ucsd.edu
Subject: general class question pool
To: info-hams@ucsd.edu

In article <22pe6hINNikd@uwm.edu>, pachner@csd4.csd.uwm.edu (Thomas Jay Pachner) writes:

|>
|> Did the general class question pool change on July 1, 1993, along with the
|> novice and tech pools?
|> --
|> Thomas Jay Pachner ==- Music Major, Bassist, Gamer, and Amateur Operator
|> University of Wisconsin - Milwaukee - pachner@csd4.csd.uwm.edu
|> Appreciator of all kinds of true music (sorry rap and country)
|> Amateur Call Sign: waiting since July 10

--
No - General will be changed sometime in 1994. I asked around since I didn't want to end up buying an outdated study guide. Anyone have any exact date on when General will change?

+++++
+ Tom Bodoh - Sr. systems software engineer, Hughes STX, NOX?? (in the mail) +
+ USGS/EROS Data Center, Sioux Falls, SD, USA 57198 (605) 594-6830 +
+ Internet; bodoh@dgg.cr.usgs.gov (152.61.192.66)

+
+ "Welcome back my friends to the show that never ends!" EL&P
+

+++++

Date: 25 Jul 93 20:01:01 GMT
From: ogicse!emory!europa.eng.gtefsd.com!howland.reston.ans.net!
sol.ctr.columbia.edu!news.mtu.edu!wdburns@network.ucsd.edu
Subject: HAM Radio test stacks?
To: info-hams@ucsd.edu

HyperCard stacksDoes anyone know where I can find the set of HyperCard
HAM Test Question pool stacks? They used to be at ftp.apple.com, but no
more! I looked elsewhere to no avail. I only have the General stack
but my fiance wants to get in on the actions as well!

thx,

de N8PBG

--

Bill Burns [Internet: wdburns@mtu.edu] Research has been found to
cause cancer in laboratory rats.

Date: 23 Jul 93 20:36:00 GMT
From: uhog.mit.edu!xn.ll.mit.edu!ll.mit.edu!wjc@RUTGERS.EDU
Subject: historic question
To: info-hams@ucsd.edu

In article <1993Jul23.133812.27679@hemlock.cray.com>, dadams@cray.com (David
Adams) writes:
|> In browsing through the July issue of QST I notice (p. 101 under 75 years ago)
|>
|> "July 1918 -- QST, like US Amateur Radio itself, remains shut down for the
|> duration oof World War I."
|>
|> Why was Amateur Radio shut down in WWI? Fear of Espionage? Why was it
|> not shut down in other wars?
|>

In the U.S., ham radio was also shut down during World War II
(although I think the old 112-MHz band was kept open for use by hams
in some sort of civil-defense type organization).

Bill Chiarchiaro N1CPK
wjc@ll.mit.edu

Date: Fri, 23 Jul 1993 21:05:23 GMT
From: spsgate!mogate!newsgate!news@uunet.uu.net
Subject: historic question
To: info-hams@ucsd.edu

In article <1993Jul23.133812.27679@hemlock.cray.com> dadams@cray.com (David Adams) writes:

> In browsing through the July issue of QST I notice (p. 101 under 75 years ago)

>

> "July 1918 -- QST, like US Amateur Radio itself, remains shut down for the duration oof World War I."

>

> Why was Amateur Radio shut down in WWI? Fear of Espionage? Why was it not shut down in other wars?

> ...

I think it was for that reason in WW I. It was also shut down during WW II, probably for the same reason. It also might have had something to do with shortages of radio gear. The military called for (and got) lots of gear and parts from hams to help with the war effort. There was a couple of interesting articles in QST in Dec. 91 issue (50th anniversary of Pearl Harbor) about hams and WW II.

73... Mark AA7TA

Date: 23 Jul 1993 23:47:28 GMT
From: olivea!grapevine.lcs.mit.edu!ai-lab!regnad@uunet.uu.net
Subject: historic question
To: info-hams@ucsd.edu

In article <1811@arrl.org> jkearman@arrl.org (Jim Kearman) writes:

> A predecessor of RACES, the Wartime Emergency
> Radio Service (WERS) was established for US-only civil defense
> purposes. Hams who remained in the US sometimes joined WERS,
> which operated on the old 5- and 2 1/2-meter bands.

> Among other WW2 activities, ARRL coordinated the collection
> of panel meters, for which hams were paid \$1 each, I think,
> by the government. Building meters was very labor-intensive.
> QST articles constituted radio training courses, and special
> editions of the Handbook were published.

I have a copy of the 1943 handbook. It has an interesting introduction, dealing with amateur radio and the war. There ia a chapter devoted to WERS, and construction articles for 5 meter gear (then called U.H.F!).

I also have a copy, somewhere, of the issue of QST when the call went out for panel meters. As a collector of WWII military surplus radio gear, I have sometimes wondered if anything I own has one of these donated meters installed in it.

Paul Prescott
N1AAC
regnad@gnu.ai.mit.edu

Date: 25 Jul 93 21:04:13 GMT
From: sgigate!odin!chuck.dallas.sgi.com!adams@RUTGERS.EDU
Subject: MFJ reviews [long]
To: info-hams@ucsd.edu

Gang,

just a quick report on the trip to "Ham Holiday" the swapfest in Oklahoma City OK. somebody has to drive north on I35 aperiodically to make sure the Red River is still there and i'm here to report that it still is. :-)

i just went up for Saturday, which was long enough for me to part with some of my money.

i had reported last year on the net, when there was flame wars going on for MFJ products. i don't think that i'll ever learn. i'm already educated beyond my intelligence anyway. just had to go and buy a couple more critters..... :-)

MFJ-451 Morse Keyboard - A Review by Chuck Adams K5FO

i normally use either a Heath Ultrapro Keyboard or when i'm practicing on the Bencher i use an AEA MM-3 or CK-2 keyer. the heath is losing one of the memory chips for the 10 memory buffers and i hadn't taken the time to fix it, so i saw the MFJ-451. thought, what the hey, it was reduced i'll just buy one. replace the large AT keyboard with the small one i have on a 386 and take up less space (vertically and horizontally over the heath ultrapro) on the operating desk.

the MFJ-451 keyboard has an unmodified keyboard (AT type) that plugs into a small box (sorry, i'm at the office and don't have the exact size). got it home, opened the box, plugged it in,

and it worked outta the box. didn't even have to read the instructions. only two parts and parts is parts, right?

ok, get the instructions, get through them in short order and know how to set the speed, load the two buffers, adjust the tone (the volume controlled with a knob on the little processor box), learn to program the beacon operation up to 99min 99sec delay, and use the serial numbering in time to use it for SS. :-)

ok kids, so far so good. fire up the QRP rig on 40 for the sunday morning schedule and call cq. get another qrp in st louis mo. worked about 20 minutes at 30 wpm and stood by for the OK QRP group. no answer and the other guy signs.

fine. so far so good. ok, 40 not all that hot, let's go up to 30 (another fine QRP band). WHOW BUCKAROO!! it is very very obvious that noone at MFJ works 30 meters. this little keyboard sucks canal water when it comes to putting out trash on 30 meters. it's S9+ and then some. i can't hear the digital guys above 10.110 with this thing on. ;-)

ok, look at the schematic. uses 80C32 Intel processor clocked at ***10 MHz***. only decoupling caps in the system are four 0.1uF caps. bad news. ok, i'll help, give me phillips. two screws to the case and its apart. hey, nice little board, double sided silk screened plated through solder masked. not bad. ok, three more screws to remove board and a model airplane prop-nut driver to remove volume control nut. board comes out and i turn it over. GEEEEZ!!! we have 12 year olds learning to solder here or what? the second worst soldering job in the world that i've seen. you guessed it the first place is the MFJ-249 HF/VHF SWR ANALYZER. see second half of this posting.

i take pride in my work, no matter what it is, and i'd think that others do too. component leads were not cut short and overlapped PC board paths and on and on i could go, but i won't. board looked dirty and the solderplated holes looked oxidized (they were).

it works, but once again, bad quality control for cosmetics. if it works, ship it!!!

if you plan on working 30 meters, do not (and i repeat) do not buy this keyboard until you hear from me that they got the problem fixed. i thought that i'd play with some ferrite beads strategically placed, but no way am i going to spend my valuable time doing this. going to call them on monday and ship the little box for a revision. or else.

i didn't pay the \$89.95 list price and got a good deal, but not that great to have something in the shack that radiates more than the rig (or so it seems).

MFJ-249 HF/VHF SWR ANALYZER - A Review by Chuck Adams K5FO

this is the deluxe swr analyzer by MFJ. list price of \$199.95, which of course i didn't pay at the swapmeet. :-)

i had asked the qrp mail group about these and got a response after the fact and as it turns out, i made the right decision. we all get lucky once in a while.

MFJ has another analyzer MFJ-207 which is the same without the frequency counter. i have a heath counter, but i prefer to put all my eggs in one basket and have a small self-contained unit like the 249. once again, outta the box, hook up 12V supply and fire it up. worked first time every time. hook it up to the 80 meter long wire and check it out. GREAT. with the digital readout for frequency and the analog meter for direct reading SWR, it's very easy to see where you are and how good the antenna is doing. checked all the bands from 160 to 10 Meters. i had my previous settings from measurements made at 1 watt with Oak Hills QRP wattmeter. they were correct (of course). but, the MFJ makes it very easy. none of the forward vs backward, etc. just read it and weep or smile.

one of the questions i asked the friendly sales rep was "how much RF does this little puppy put out?". it obviously must generate rf to the antenna to get the swr. he didn't know and the MFJ manual does not say one word. so, couple of pieces of RG58U with PL259s and in goes the OHR QRP WM-1 meter. 2mW (that's 2 milliwatts) out from 1.8 to 170MHz. constant and true. good news as that is the requirement to not have an adjustment for meter calibration. i wouldn't part with the OHR for love or money. need it for power measurements for 10 W down to 1 mW.

i assume, since the MFJ-249 device transmits outta band (i did this into a dummy load guys and girls and FCC) i assume that it is type accepted or something like that. being an avid QRPer, i know what 2 mW can do when the bands are right. and outside of the ham bands you can easily get a clear frequency. ;-)
that why the HT mods i see posted here in rec.amateur.radio.misc?????

frequency meter is accurate as tested with heath counter and 3.600000 output from the wwv clock. without the counter (the 207), MFJ put dial with freq markings and i understand from another individual that has one, they aren't all that great. not good if you're tuning

an antenna from phone down to cw band or whatever. the digital display (LCD) on the 249 is nice and handy to have.

ok, let's look at the schematic? what, no schematic in the booklet or box!! ok, take the back off. BIG mistake big mistake (line from Pretty Woman, the movie). the worst soldering job i've seen. tied with MFJ-815B Cross-Needle 1.8-60MHz SWR/Wattmeter. close behind is the above keyboard system. somebody in QC at MFJ outta work on this or maybe start selling them as kits. i can do a better job easily.

the counter is SMT (surface mount technology and i assume it was wave soldered) and separate from the badly soldered board. another board also SMT and wave soldered for RF generator. at least i hope so. i didn't want to see any more and put it back together. if it works, Adams' DFW (don't fool with it) rule. :-)

so, final results. MFJ-249 SWR Analyzer. good deal. MFJ-451 keyboard is a bad bad idea. wait til Christmas or later on this keyboard. both are new items and maybe with feedback we can get MFJ to do a little better.....

73 es 72 de k5fo dit dit

--

-----cut here-----

Chuck Adams, K5FO - CP60

adams@sgi.com

Date: 25 Jul 93 20:11:00 GMT

From: news-mail-gateway@ucsd.edu

Subject: STILL waiting for license...

To: info-hams@ucsd.edu

Let's put this thread about VEC's taking too long into the proper perspective. The last time we gave exams it took 10 calendar, not working, days from the day of the exam until the ARRL, in this case, sent the materials to the FCC. That included mailing time and a weekend. The VEC's, for better or worse, only account for a small fraction (20% ?) of the time from the day of the exam until the arrival of the license. Pick on someone else.

Jim Ley, NX9F
ARRL and W5YI VE

Date: Fri, 23 Jul 1993 20:20:54 GMT
From: pravda.sdsc.edu!news.cerf.net!usc!howland.reston.ans.net!math.ohio-
state.edu!uwm.edu!caen!spool.mu.edu!news.nd.edu!shakespeare!
rnimtz@network.ucsd.edu
Subject: STILL waiting for your license? Read this and weep!
To: info-hams@ucsd.edu

In article <1786@arrl.org> bjahnke@arrl.org (Bart Jahnke) writes:

>
>And yes, each answer sheet, code copy sheet, 610, CSCE (previous and current),
>and any other document(s) for each applicant are reviewed. Nearly each
>license copy has to be trimmed and attached to the 610, as the FCC requires.
^^

What size does the license copy have to be trimmed to?

Rick Nimtz
N9TJG
nimtz.1@nd.edu

Date: Fri, 23 Jul 1993 20:08:11 GMT
From: olivea!charnel!rat!koko.csustan.edu!nic.csu.net!eis.CalState.EDU!
jherndo@uunet.uu.net
Subject: STILL waiting for your license? Read this and weep!
To: info-hams@ucsd.edu

They (the volunteers) shouldn't have to pay for anything.

Well, stop taking it out of "the back pockets" of ARRL members. As quite
a few of us have seen, the ARRL is now connected to the Internet. Drop
the DIRECT connection, and save several thousand dollars a month.

That's meant more of a poke in the side than anything. But it cues a
question, Why is the ARRL online? Why not just hookup to a mail/usenet
server. Is there a possible expansion in mind?

[> John W. Herndon - INTERNET: jherndo@eis.calstate.edu <]

Date: 23 Jul 1993 15:35:32 -0700
From: pravda.sdsc.edu!news.cerf.net!usc!howland.reston.ans.net!darwin.sura.net!
mojo.eng.umd.edu!news.isi.com!news.isi.com!not-for-mail@network.ucsd.edu
Subject: TS50 Illegal!
To: info-hams@ucsd.edu

In article <930719.162921.2J2.rusnews.w165w@garlic.sbs.com> system@garlic.sbs.com (Tony Pelliccio) writes:

>

>All the Yaesu VHF/UHF radios I've ever seen transmit out of band
>(140-150) so you're telling me my FT-5100 is illegal? I think not.

Perhaps the distinction is between rigs that can transmit out of band without modification and those that require a modification.

Most rigs I've seen can indeed transmit out of band, but one must snip a wire or a diode first.

--

Jerry Gardner (jerry@isi.com)		"Violence is the last refuge of
Integrated Systems, Inc.		the incompetent" - Isaac Asimov

Date: Fri, 23 Jul 1993 20:18:43 GMT
From: pravda.sdsc.edu!news.cerf.net!usc!howland.reston.ans.net!agate!
dog.ee.lbl.gov!newshub.nosc.mil!avalon.chinalake.navy.mil!
peewee.chinalake.navy.mil!erik@network.ucsd.edu
Subject: Type Acceptance (was TS50 Illegal)
To: info-hams@ucsd.edu

Here is what I understand to be true and how I feel. Please feel free to correct me wherever necessary.

Amateurs do not need type acceptance for anything transmitted inside the amateur bands since we are personally responsible for the purity of the transmitted signal. We have to demonstrate some knowledge of the principles of radio transmission before we can be licensed to transmit.

Bands which do not have such rigorous licensing (and personal signal purity responsibility) use type acceptance to assure clean signals.

Since we have already proven we know what we are doing, AND have accepted responsibility for our signal quality, I see no reason why amateurs should be prohibited from using non-type accepted equipment in non-amateur bands for which we also have a license to use.

In other words, as long we are responsible for our signal, and the signal is proper, what difference does the model of the equipment

make?!!!!!!!

I say that type acceptance is used primarily to control and limit traffic to *specific* frequencies and power levels. We do this as a matter of honor already.

A good example is GMRS. I would sure like to use my handy dandy dual band amateur HT. But nooooo, the FCC says GMRS rigs can ONLY be "type accepted" and ONLY crystal controlled (high-tech?) rigs can be type accepted. If the FCC trusts us to use legal power, frequencies, antennae, etc. In the amateur bands, WHY NOT TRUST US ELSEWHERE THAT WE ARE ALSO LICENSED?

I suppose it would be quite difficult for anyone to actually determine that my rig is not crystal controlled by monitoring my transmissions. However with an \$8000 fine at stake I certainly am not interested in finding out.

--

Erik van Bronkhorst KC6UUT DoD/#4342585443 AMA/#438054
Advocate and practitioner of Death Or Glory Programming (DOG-P)

Date: Fri, 23 Jul 1993 18:05:52 GMT
From: mustang.mst6.lanl.gov!nntp-server.caltech.edu!elroy.jpl.nasa.gov!usc!
howland.reston.ans.net!ux1.cso.uiuc.edu!vixen.cso.uiuc.edu!uwm.edu!caen!uvaarpa!
murdoch!livia.acs.@hub.ucsb.edu
Subject: VE Test Conditions
To: info-hams@ucsd.edu

In article <1806@arrl.org> kirk@arrl.org (Kirk Kleinschmidt, NT0Z) writes:
>

> Oh, piss off, you whiners!N

=====

> Kirk Kleinschmidt, NT0Z	Tel	203-666-1541 9-5 EST
> QST Assistant Managing Editor	Fax	203-665-7531 24 hrs
> ARRL HQ, 225 Main St, Newington, CT 06111	BBS	203-666-0578 24 hrs
> e-mail: kirk@arrl.org	GEnie	K.KLEINSCHMI

> =====

Is this what we can expect in the way of participation from the ARRL in this forum?

--

\\ / Jon Gefaell, Computer Systems Engineer | Amateur Radio - KD4CQY

\\ Information Technology and Communications | -Will chmod for food-
\\ The University of Virginia, Charlottesville | Hacker@Virginia.EDU
Any opinions expressed herein are not intended to be construed as those of UVA

Date: 24 Jul 1993 21:40:42 GMT
From: mimbres.cs.unm.edu!moe.ksu.ksu.edu!vixen.cso.uiuc.edu!ux1.cso.uiuc.edu!
howland.reston.ans.net!gatech!news-feed-2.peachnet.edu!news-feed-1.peachnet.edu!
umn.edu!lynx.unm.edu!dns1@nmt.edu
Subject: WANTED: modification for Realistic CTR-85 tape recorder
To: info-hams@ucsd.edu

On a similar note, does anybody have the same sort of mod on Radio Shack's
Realistic model 14-1055 (Minisette-20)? BTW, it's on sale for @\$38 right
now...

Thanx...

--

.....
: _\| /\ |/_ T.J. Harrell III :
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End of Info-Hams Digest V93 #899
